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FIFTEENTH ANNUAL REPORT

*of the*

North Carolina Sanatorium  
*for the Treatment of Tuberculosis*


SANATORIUM, N. C.



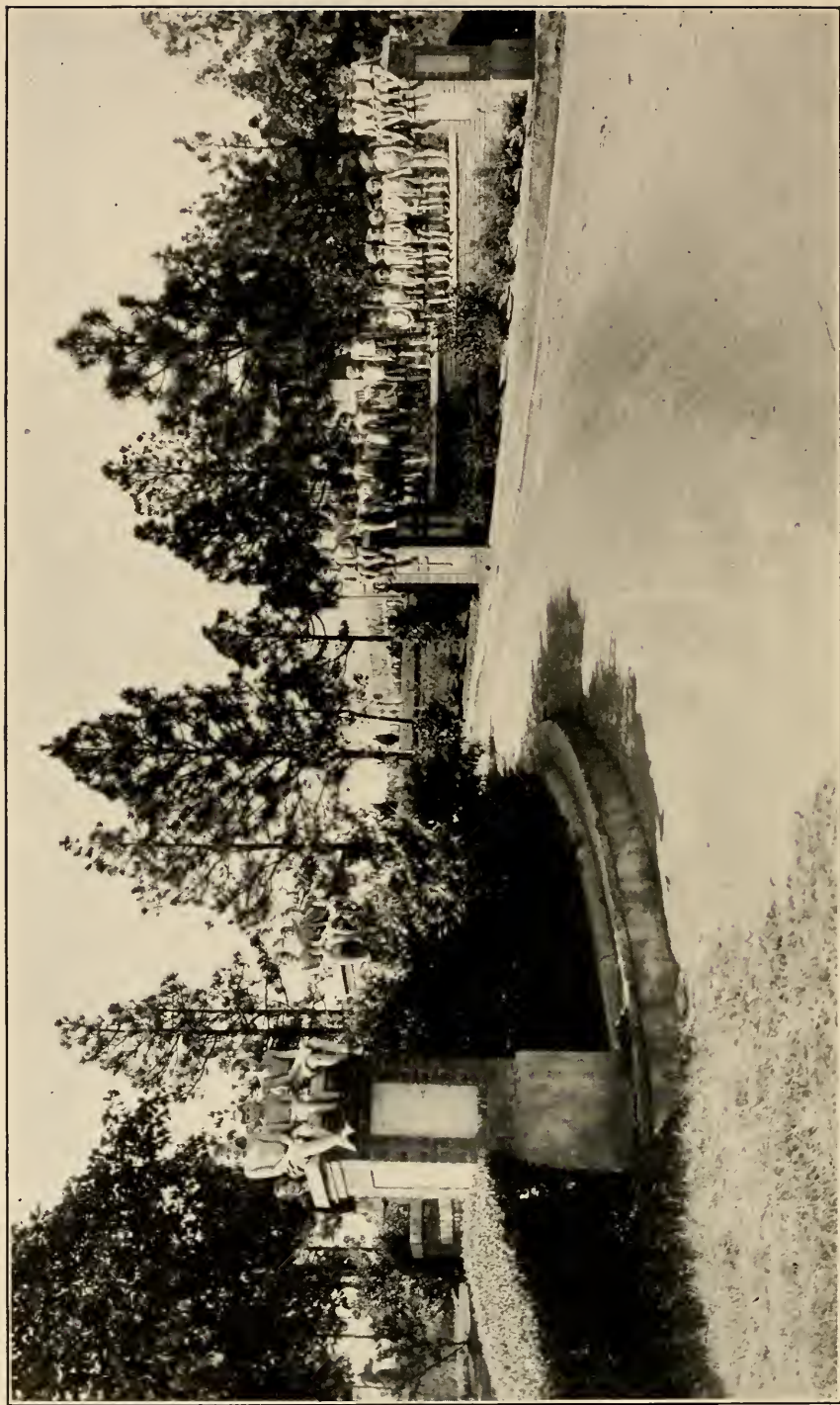
FOR THE PERIOD

*From July 1, 1927, to June 30, 1928*





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"Here's to the land of the long-leaf pine,  
The summer land where the sun doth shine,  
Where the weak grow strong and the strong grow great,  
Here's to 'Down-Home,' the Old North State."

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FOR THE PERIOD

*From July 1, 1927, to June 30, 1928*

RALEIGH  
BYNUM PRINTING COMPANY  
1928

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MAIN BUILDING



## PERSONNEL

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### BOARD OF DIRECTORS

DR. T. W. M. LONG, <i>Chairman</i> .....	Roanoke Rapids
MR. U. L. SPENCE, <i>Vice-Chairman</i> .....	Carthage
MR. W. E. HARRISON, <i>Secretary</i> .....	Rockingham
DR. J. C. BRASWELL.....	Whitakers
MR. J. R. JONES.....	Sanford
MR. JONAS OETTINGER.....	Wilson
MR. A. B. CROOM.....	Winston-Salem
MRS. MAX T. PAYNE.....	Greensboro
MR. J. R. McQUEEN.....	Lakeview

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Superintendent and Medical Director.....	P. P. McCAIN, M.D.
Assistant Superintendent and Resident Physician.....	S. M. BITTINGER, M.D.
Assistant Physician.....	J. H. WILLIAMS, M.D.
Assistant Physician.....	W. G. BYERLY, M.D.
Assistant Physician.....	C. L. HARRINGTON, M.D.
Superintendent of Nurses.....	MISS ELIZABETH CONNOLLY, R.N.
Assistant Superintendent of Nurses.....	MISS SUE BURTON
Dentist.....	E. M. MEDLIN, D.D.S.
Laboratory and X-ray Technician.....	J. F. SIMPSON, Ph.B.
Cashier and Purchasing Officer.....	F. L. EUBANKS
Steward.....	F. D. CLIFF
Farm Superintendent.....	E. B. GARRETT
Superintendent of Nurses, Colored Division.....	MRS. CARRIE BROADFOOT

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### EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

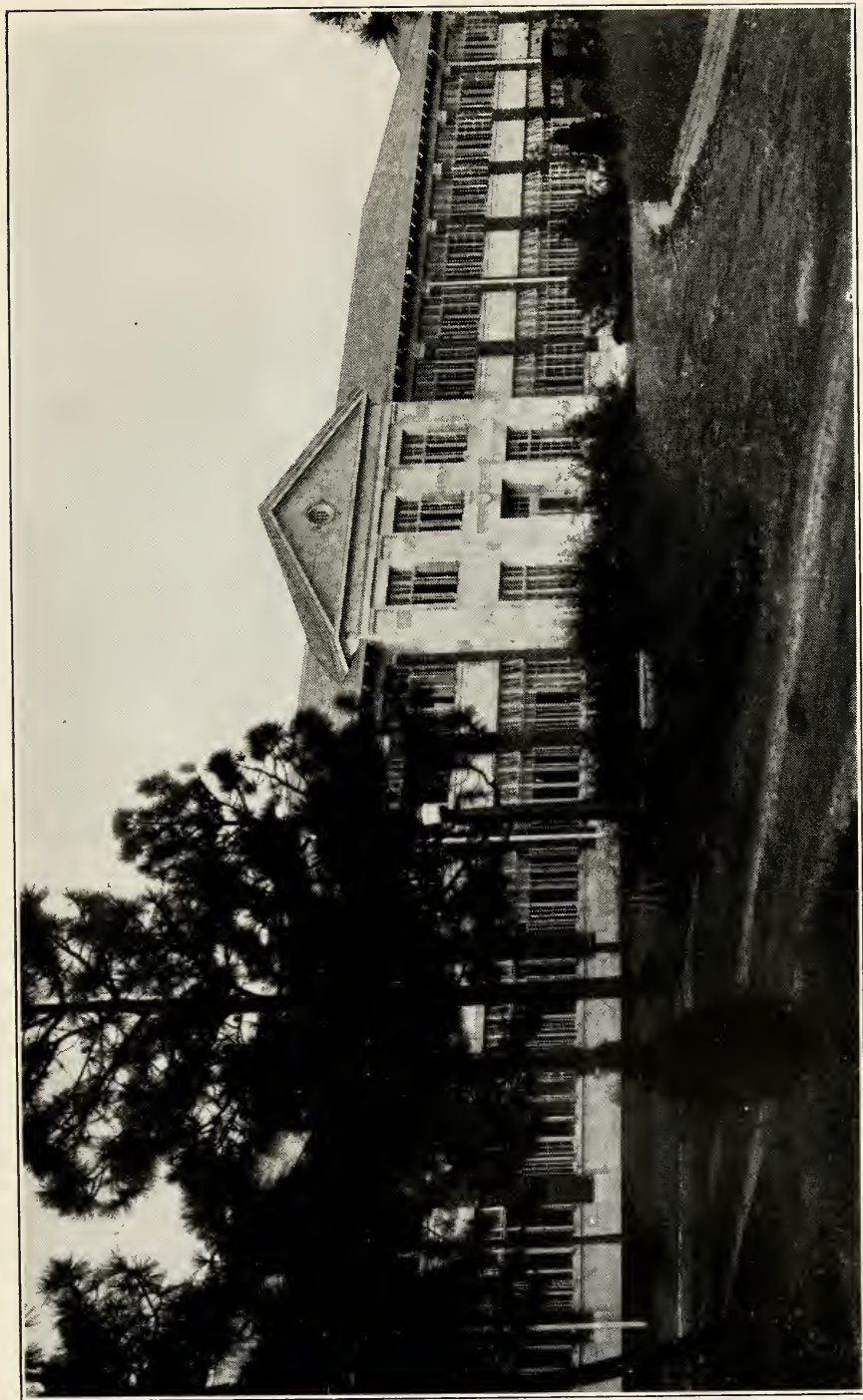
Director.....	P. P. McCAIN, M.D.
Clinic Physician.....	S. E. LEE, M.D.
Clinic Physician.....	P. A. YODER, M.D.

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### CONSULTING STAFF

Orthopedic Surgeon.....	DR. O. L. MILLER.....	Gastonia
Surgery.....	DR. GEO. W. PRESSLY.....	Charlotte
	DR. J. F. HIGHSMITH.....	Fayetteville
Eye, Ear, Nose and Throat.....	DR. JAS. M. LILLY.....	Fayetteville
	DR. WM. S. JORDAN.....	Fayetteville
	DR. W. P. MCKAY.....	Fayetteville
Laryngologist.....	DR. J. B. GREENE.....	Asheville
Genito-urinary.....	DR. A. J. CROWELL.....	Charlotte
	DR. J. D. HIGHSMITH.....	Fayetteville
Pathology.....	DR. JAS. B. BULLITT.....	Chapel Hill
Pharmacology.....	DR. WM. DEB. MACNIDER.....	Chapel Hill





NEW LADIES' BUILDING



## LETTER OF TRANSMITTAL

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*To His Excellency, GOVERNOR A. W. McLEAN, Raleigh, N. C.*

SIR:—I have the honor to transmit herewith the report of the Superintendent of the operations of The North Carolina Sanatorium for the Treatment of Tuberculosis for the fiscal year ending June 30, 1928.

The report of the Superintendent is accepted as the report of the Board of Directors.

Respectfully submitted,

T. W. M. LONG,  
*Chairman, Board of Directors.*





FIFTEENTH ANNUAL REPORT  
*of*  
THE NORTH CAROLINA SANATORIUM  
*for the Treatment of Tuberculosis*

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DR. T. W. M. LONG, *Chairman, Board of Directors, North Carolina Sanatorium, Roanoke Rapids, N. C.*

DEAR DR. LONG:—I beg to submit herewith the Fifteenth Annual Report of The North Carolina Sanatorium for the Treatment of Tuberculosis for the fiscal year closing June 30th, 1928.

Separate detailed information concerning the medical, laboratory and X-ray work of the white, colored and prison divisions will be found in the body of the report. Summaries of the work of the Extension Department and of the Auditor's report are also included.

We had a daily average during the year of 286 patients and our daily per capita cost was \$2.29 as against \$2.42 for the previous year.

We were greatly handicapped for a while by the complete loss of our dairy barn by fire on May 3rd. The fire originated at two-thirty in the morning supposedly from an electric wire. Our Executive Committee took immediate steps to replace the buildings, all of which were fairly well covered by insurance. The Budget Bureau secured the necessary funds for their replacement from the emergency loan fund. We now have a barn which is modern in every respect, the first story of which is fireproof.

Our most important building project for the year has been our women's building. This is fireproof throughout and will accommodate 120 patients. The rooms are all arranged in suites with bath between and with casement window enclosed sleeping porches for all the units. We are expecting the building to be ready for use by the first of October. We are in hopes that the next General Assembly will grant us an appropriation to add a central wing to this building for the housing of our X-ray, laboratory and operating room so that we can use the building for an infirmary. One wing of our present infirmary is largely of wood construction and constitutes considerable hazard for the housing of our bedridden patients.

The installation of casement windows in our main building at our white division and at our colored division has added very materially to the comfort and the well-being of our patients. Other additions to

our plant have been a doubling of our cold storage and refrigerating plant, a mule barn and a granary.

We feel that anti-tuberculosis work among children offers the greatest opportunity for striking at the root of the evils of the Great White Plague. During the last two years we have been working in coöperation with the local school and health authorities in conducting tuberculosis clinics for children in the various parts of the State. Our plan is to give the intracutaneous tuberculin test to all the children to be studied and to make a physical examination and antero-posterior and oblique X-ray pictures on all those who give a positive tuberculin test. We have studied in this way 25,048 children, representing all classes and conditions, white and colored, rich and poor, urban and rural. A tabulated report of our results will be found elsewhere. Suffice it to say here that of the 25,048 children tested 5,659, or 22.59 per cent, gave a positive tuberculin reaction. 431 children showed demonstrable tuberculosis, by far the greater majority being of the tracheobronchial type. Those showing demonstrable tuberculosis represent 1.79 per cent of the total number tested, or 7.62 per cent of the number showing a positive tuberculin reaction.

Practically all of these children have been discovered at a stage when the disease can be cured and also before it has become infectious to others. If the clinics did no more than save the lives of 431 children they would be well worth while. We feel, however, that this is relatively a small part of the good accomplished through the clinics. By locating the other 5,118 children who are infected with tubercle bacilli, but who are not yet tuberculous and by teaching these children and their parents the importance of safe-guarding their health, a large number who would probably have later on developed tuberculosis will escape its ravages.

We know, of course, that we cannot examine all the school children in the State and for this reason we have been endeavoring to make these school clinics demonstration clinics. We work in coöperation with the school and health authorities and the local medical profession. We use local X-ray machines in making the X-ray pictures of the children, demonstrating to the local X-ray men the best technic for children's chest films. We of course refer the children to their local physician for the correction of any defects found. We try to get the local teachers, health officers and medical fraternity so interested in the work that they will carry on the clinic themselves. For this purpose we furnish the necessary charts and the tuberculin for the test and we are always glad to assist them in their doubtful cases.

We have been greatly pleased at the splendid coöperation which we have had in conducting the clinics and over the enthusiasm which has been aroused. There is such a demand for the children's clinics that we are already dated up through the school session of 1929 and 1930. We are greatly in need of two additional physicians to help carry on the

work both among children and adults. We are also greatly in need of four specially trained nurses to assist the physicians in their clinic work.

Our many friends have been most thoughtful of us this year. I wish to express to them all, and especially to our good Pinehurst friends, our deep appreciation for their liberality to our patients. To each of my associates and our assistants I wish to express my deep appreciation for their loyalty and for their capable and faithful assistance.

Please allow me to express to you and to each member of the Board my sincere thanks for your hearty coöperation and for the splendid service which you have rendered the cause of tuberculosis in our State.

Most respectfully yours,

P. P. McCain, M.D.

*Superintendent and Director, Extension Department.*

## SUMMARY OF YEAR'S WORK

July 1, 1927—June 30, 1928

### EXTENSION DEPARTMENT

Letters and postals received .....	17,117
Individual letters written .....	11,551
Multigraphed and mimeographed forms prepared .....	76
Number of copies multigraphed and mimeographed forms .....	75,162
Multigraphed and mimeographed letters mailed .....	4,811
Articles written (approximate number of words) :	
Press .....	7,700
Other Publications .....	1,100
Sanatorium Sun .....	209,117
	217,917
Copies Sanatorium Sun mailed .....	31,725
Articles copied (approximate number of words) .....	42,850
Patients' histories written .....	572
Approximate number of words in patients' histories .....	858,000
Blank cards mailed for reporting cases of tuberculosis .....	5,595
Number of cases reported :	
White .....	1,778
Colored .....	800
	2,578
Literature sent to reported cases .....	1,878
Other literature sent .....	36,987
Sputum cups distributed .....	209,970
Tuberculin sent physicians for von Pirquet test .....	489
Envelopes addressed .....	20,898
Enclosures sent out .....	13,652

### REPORT OF P. P. McCAIN, M.D.

Days out of office .....	49
Addresses delivered .....	14
Number in audiences .....	1,515





A GROUP OF POSITIVE TUBERCULIN REACTORS FROM ONE OF OUR SCHOOL CLINICS WHO CAME TO SANATORIUM FOR X-RAY PICTURES OF THEIR CHESTS



**REPORT OF COUNTY TUBERCULOSIS CLINIC****ADULT**S. E. LEE, M.D., *Clinic Physician*

Number of addresses delivered .....	2
Total audiences .....	65
Number of positive cases .....	134
Number of probable cases .....	99
Number of doubtful cases .....	58
Number of negative cases .....	405
	<hr/>
Number of white examinations .....	642
Number of colored examinations .....	54
	<hr/>
Total number of examinations .....	696

P. A. YODER, M.D., *Clinic Physician*

Number of addresses delivered .....	9
Total audiences .....	240
Number of positive cases .....	175
Number of probable cases .....	56
Number of doubtful cases .....	82
Number of negative cases .....	382
	<hr/>
Number of white examinations .....	628
Number of colored examinations .....	67
	<hr/>
Total number of examinations .....	695

SUMMARY OF RESULTS OF SCHOOL CHILDREN'S TUBERCULOSIS CLINICS CONDUCTED BY THE EXTENSION  
DEPARTMENT OF THE NORTH CAROLINA SANATORIUM, IN COOPERATION WITH LOCAL  
HEALTH AND SCHOOL AUTHORITIES, DURING SCHOOL SESSION 1927-28

RESULTS OF TUBERCULIN TEST

	White	Colored	Total
Number given tuberculin test.....	15,789	1,418	17,207
Number negative reactors.....	12,415 (78.63%)	997 (70.31%)	13,412 (77.95%)
Number positive reactors.....	3,374 (21.37%)	421 (29.69%)	3,795 (22.05%)

RESULTS OF THE STUDY OF THE 3,795 POSITIVE TUBERCULIN REACTORS

		% of the 3,795 tuberculin reactors	% of the 17,207 tested
Number reactors for various reasons not examined.....		267	7.04
Number examined, though for various reasons not X-rayed, the majority having mild reactions and presumably no demonstrable tuberculosis.....		176	4.91
Number having physical examinations and X-rays of chest (postero-anterior and oblique).....		3,352	71.17
Number of reactors classified as not tuberculous.....	2,711		9.61
Number classified as suspicious.....	365		7.27
Number having demonstrable tuberculosis.....	276		
White 229 (6.77% of 3,374 reactors; 1.44% of 15,789 tested)			
Colored 47 (11.16% of 421 reactors; 3.31% of 1,418 tested)			
Tracheobronchial.....	248		
Tracheobronchial and pulmonary (parenchymal).....	4		
Pulmonary (parenchymal).....	14		
Extrapulmonary.....	8		
Extrapulmonary and tracheobronchial.....	2		

Total number classified as definitely not tuberculous.....	16,123	93.7
Positive tuberculin reactors found not tuberculous.....	2,711	
Negative tuberculin reactors.....	13,412	





ONE OF THE SCHOOLROOMS, CHILDREN'S BUILDING



SUMMARY OF RESULTS OF SCHOOL CHILDREN'S TUBERCULOSIS CLINICS CONDUCTED BY THE EXTENSION  
DEPARTMENT OF THE NORTH CAROLINA SANATORIUM, IN COOPERATION WITH LOCAL HEALTH  
AND SCHOOL AUTHORITIES, DURING SCHOOL SESSIONS 1926-27 AND 1927-28

## RESULTS OF TUBERCULIN TEST

	White	Colored	Total
Number given tuberculin test.....	22,550	2,498	25,048
Number negative reactors.....	17,574 (77.93%)	1,815 (72.66%)	19,389 (77.41%)
Number positive reactors.....	4,976 (22.07%)	683 (27.34%)	5,659 (22.59%)

## RESULTS OF THE STUDY OF THE 5,569 POSITIVE TUBERCULIN REACTORS

		% of the 5,659 tuberculin reactors	% of the 25,048 tested
Number reactors for various reasons not examined.....	411	7.28	1.64
Number examined, though for various reasons not X-rayed, the majority having mild reactions and presumably no demonstrable tuberculosis.....	541	9.55	2.16
Number having physical examinations and X-rays of chest (postero-anterior and oblique).....	4,707		
Number of reactors classified as not tuberculous.....	3,602	63.64	
Number classified as suspicious.....	674	11.91	2.69
Number having demonstrable tuberculosis.....	431	7.62	1.72
White 346 (1.53% of 22,550 tested; 6.95% of 4,976 reactors)			
Colored 85 (3.21% of 2,498 tested; 12.44% of 683 reactors)			

Tracheobronchial.....	388
Tracheobronchial and pulmonary (parenchymal).....	4
Pulmonary (parenchymal).....	23
Extrapulmonary.....	14
Extrapulmonary and tracheobronchial.....	2

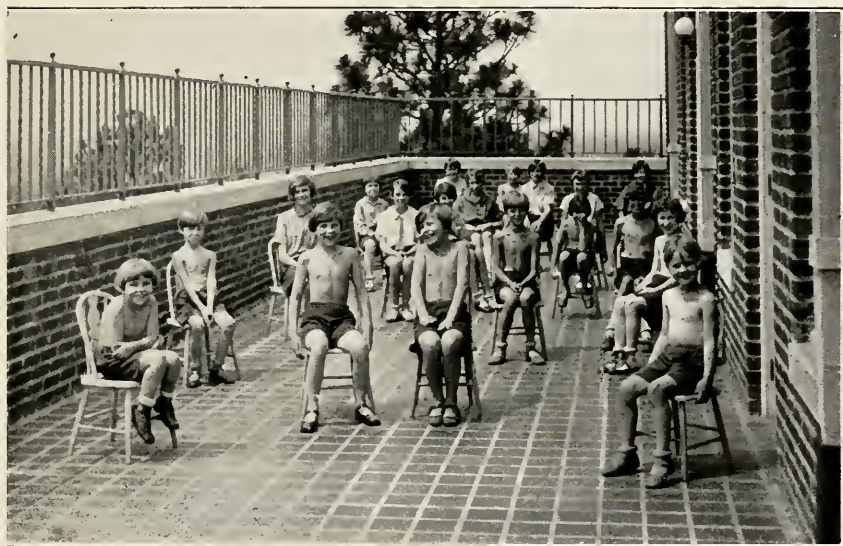
Total number classified as definitely not tuberculous.....	22,991	91.79
Positive tuberculin reactors found not tuberculous.....	3,602	
Negative tuberculin reactors.....	19,389	

**WHITE DIVISION**  
**MEDICAL REPORT**  
**1928**

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**STATISTICAL**

Number of patients to be reported on.....	305
Number not classified.....	3
Number not tuberculous.....	41
Number of patients in Sanatorium July 1, 1928.....	181
<hr/>	
Total number of patients treated during the twelve months.....	530



GIRLS' SUN PORCH, CHILDREN'S BUILDING



## 28 PATIENTS WHO STAYED LESS THAN THIRTY DAYS

CONDITION ON ADMISSION		CONDITION ON DISCHARGE					
		Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal.....	7 { A 4 B 3 C 0	-----	-----	-----	2 2	2 1	-----
Moderately Advanced.....	6 { A 1 B 5 C 0	-----	-----	-----	1 4	----- 1	-----
Far Advanced.....	15 { A 0 B 5 C 10	-----	-----	-----	----- 3	----- 2 10	-----
Total.....	28	-----	-----	-----	-----	-----	-----

Total number of days, 485.      Average stay, 17.32.      Longest stay, 29.      Shortest stay, 2.

Number gained weight, 16.		Number lost weight, 3.	
Average gain.....	3.61 lbs.	Average loss.....	2 lbs.
Largest gain.....	10 lbs.	Largest loss.....	2 lbs.
Smallest gain.....	.5 lb.	Smallest loss.....	2 lbs.
Stationary.....	3	Not weighed.....	6

## 50 PATIENTS WHO STAYED FROM THIRTY TO EIGHTY-NINE DAYS

CONDITION ON ADMISSION		CONDITION ON DISCHARGE					
		Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal.....	22 { A 22 B 0 C 0	-----	17	2	3	-----	-----
Moderately Advanced.....	5 { A 1 B 3 C 1	-----	-----	1	1 2 1	-----	-----
Far Advanced.....	23 { A 0 B 8 C 15	-----	-----	-----	7 4	1 10	----- 1
Total.....	50	-----	-----	-----	-----	-----	-----

Total number of days, 3,006.      Average stay, 60.12.      Longest stay, 89.      Shortest stay, 30.

Number gained weight, 35.		Number lost weight, 10.	
Average gain.....	9.37 lbs.	Average loss.....	3.5 lbs.
Largest gain.....	28 lbs.	Largest loss.....	14 lbs.
Smallest gain.....	1 lb.	Smallest loss.....	.5 lb.
Stationary.....	2	Not weighed.....	3



**227 PATIENTS WHO STAYED 90 DAYS OR OVER**

CONDITION ON ADMISSION		CONDITION ON DISCHARGE					
		Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal.....40	A 33		28	3	2		
	B 7		4	2	1		
	C 0						
Moderately Advanced.....80	A 20		1	17	2		
	B 58			40	14	3	1
	C 2			1	1		
Far Advanced...107	A 1				1		
	B 66			7	42	15	2
	C 40			3	17	18	2
Total.....227							

Total number of days, 56,922.      Average stay, 250.76.      Longest stay, 1,200.      Shortest stay, 90.

Number gained weight, 180.		Number lost weight, 45.	
Average gain .....	12.63 lbs.	Average loss .....	5.43 lbs.
Largest gain.....	58.5 lbs.	Largest loss.....	27.5 lbs.
Smallest gain.....	.25 lb.	Smallest loss.....	.5 lbs.
Stationary.....	2	Not weighed.....	0

**HISTORY OF HEMORRHAGE**

Negative .....		163	
Positive.....	{	Previous only .....	111
		Previous and during residence .....	23
		During residence only .....	8

**RESULTS OF SPUTUM EXAMINATION**

Negative or no sputum .....	138	
Positive.....	On admission .....	149
	During residence .....	85
	On discharge .....	87

**SEX, AGE, AND CIVIL CONDITION**

SEX	AGE						CIVIL CONDITION			
	10-19	20-29	30-39	40-49	50-59	60-69	Single	Married	Widowed	Divorced
Male.....144										
Female.....161	43	124	76	40	17	5	129	163	11	2
Total.....305										

NATIONALITY: Americans, 304 Syrian, 1.



## TUBERCULOUS COMPLICATIONS

Adenitis (cervical) .....	2	Otitis media .....	9
Anal fistula .....	3	Peritonitis .....	3
Empyema .....	2	Pharyngitis .....	1
Euteritis .....	24	Pleurisy with effusion .....	5
Hydro-pneumothorax .....	1	Pyo-pneumothorax (spontaneous) .....	1
Laryngitis .....	33	Tuberculous hip joint .....	1
Meningitis .....	1		

## NON-TUBERCULOUS COMPLICATIONS

Acne .....	2	Laryngitis .....	1
Alveolar abscess .....	5	Leucoderma .....	1
Arthritis .....	2	Lues .....	6
Asthma (bronchial) .....	5	Lung abscess .....	1
Atrophic rhinitis .....	1	Malignancy of rectum .....	1
Blepharitis .....	4	Mitral regurgitation .....	2
Blindness (traumatic) .....	1	Mitral stenosis .....	1
Bronchiectasis .....	5	Nasopharyngitis .....	1
Bronchitis .....	3	Nephritis .....	6
Cardiac decompensation .....	1	Otitis media (chronic) .....	1
Carious teeth .....	20	Pellagra .....	1
Cholecystitis .....	2	Pelvic cellulitis .....	1
Clubbed foot .....	1	Perforated nasal septum .....	2
Cystitis .....	1	Pregnancy .....	4
Cystocele .....	1	Prolapsed uterus .....	1
Deafness (complete) .....	1	Psoriasis .....	1
Deafness (partial) .....	1	Pyorrhea .....	60
Deviated nasal septum .....	2	Retroversion of uterus .....	11
Duodenal ulcer .....	2	Rhinitis (chronic) .....	15
Endocarditis .....	2	Sinusitis .....	4
Erosion of cervix .....	1	Spondylitis .....	1
Goiter (simple) .....	1	Squamous epithelioma .....	1
Hemorrhoids .....	2	Strabismus .....	2
Hookworm disease .....	30	Tonsillitis .....	21
Hypertension .....	2	Undescended testicle .....	1
Laceration of cervix .....	1	Vaginitis .....	1
Laceration of perineum .....	4	Varicose veins .....	2

## OCCUPATIONS

Baker .....	1	Insurance agent .....	3
Barber .....	3	Laborer .....	7
Bookkeeper .....	4	Linotype operator .....	1
Bus driver .....	1	Lumberman .....	1
Cabinet maker .....	1	Manager hardware store .....	1
Carpenter .....	2	Manager tea room .....	1
Clerk .....	23	Manager telephone office .....	1
Coast guard .....	1	Mechanics .....	6
Collector .....	1	Merchants .....	4
Dairy Extension specialist .....	1	Metal lathing .....	1
Farmers .....	35	Mill worker .....	33
Fisherman .....	1	Minister .....	1
Housework .....	96	Nurses .....	5

Painter .....	3	Stone cutter .....	1
Policeman .....	1	Students .....	31
Poultryman .....	1	Teacher .....	8
Printer .....	1	Telephone operator .....	2
Railway clerk .....	1	Ticket agent .....	1
Salesman .....	9	Truck driver .....	1
Stenographers .....	9	Welder .....	1

### COUNTIES FROM WHICH THE 305 PATIENTS CAME

Alamance .....	4	Iredell .....	5
Alexander .....	1	Johnston .....	9
Alleghany .....	1	Lenoir .....	2
Anson .....	1	Lincoln .....	2
Beaufort .....	3	Madison .....	1
Bertie .....	4	Martin .....	3
Brunswick .....	1	Mecklenburg .....	2
Buncombe .....	8	Montgomery .....	3
Burke .....	5	Moore .....	1
Cabarrus .....	12	Nash .....	4
Caldwell .....	2	New Hanover .....	6
Carteret .....	2	Northampton .....	2
Catawba .....	4	Onslow .....	2
Chatham .....	1	Orange .....	1
Cherokee .....	1	Pamlico .....	1
Cleveland .....	3	Pasquotank .....	2
Columbus .....	3	Perquimans .....	1
Craven .....	3	Person .....	1
Cumberland .....	2	Pitt .....	9
Currituck .....	1	Randolph .....	3
Dare .....	2	Richmond .....	9
Davidson .....	8	Robeson .....	10
Davie .....	1	Rockingham .....	9
Duplin .....	1	Rowan .....	12
Durham .....	10	Rutherford .....	4
Edgecombe .....	4	Sampson .....	4
Forsyth .....	11	Scotland .....	2
Franklin .....	1	Stanly .....	5
Gaston .....	9	Surry .....	9
Gates .....	2	Union .....	3
Granville .....	3	Vance .....	1
Guilford .....	2	Wake .....	13
Halifax .....	11	Warren .....	1
Harnett .....	5	Wayne .....	13
Haywood .....	1	Wilkes .....	2
Hertford .....	3	Wilson .....	8
Hoke .....	4		

### TOWNS FROM WHICH THE 305 PATIENTS CAME

Ahoskie .....	1	Anlander .....	3
Albemarle .....	3	Ayden .....	1
Andrews .....	1	Badin .....	2
Asheboro .....	1	Bailey .....	3
Asheville .....	4	Barium Springs .....	1
Atlantic .....	1	Belmont .....	1

Benson .....	1	Hobbsville .....	1
Bessemer City .....	1	Hobucken .....	1
Bethel .....	1	Ivanhoe .....	1
Biscoe .....	1	Kannapolis .....	5
Black Creek .....	1	Kernersville .....	1
Bostic .....	1	Kinston .....	2
Burlington .....	1	Laurinburg .....	1
Carrboro .....	1	Lawndale .....	1
Catherines Lake .....	1	Lawsonville .....	2
Cerro Gordo .....	1	Leaksville-Spray .....	1
Charlotte .....	2	Leicester .....	2
China Grove .....	2	Lenoir .....	2
Chocowinity .....	1	Lexington .....	2
Clayton .....	1	Lillington .....	1
Coats .....	1	Lincolnton .....	2
Como .....	1	Littleton .....	1
Concord .....	6	Louisburg .....	1
Conway .....	1	Lucama .....	1
Cooleemee .....	1	Lumberton .....	3
Cramerton .....	1	Mars Hill .....	1
Dallas .....	2	Mayodan .....	1
Delco .....	1	Maxton .....	3
Draper .....	2	Mebane .....	2
Dunn .....	1	Middlesex .....	1
Durham .....	9	Millboro .....	1
Edward .....	1	Mooresville .....	1
Elizabeth City .....	2	Morganton .....	4
Elizabethtown .....	1	Mt. Airy .....	3
Elkin .....	1	Mt. Gilead .....	1
Ennice .....	1	Mt. Olive .....	8
Erlanger .....	1	Mt. Pleasant .....	1
Erwin .....	2	New Bern .....	1
Eure .....	1	Norlina .....	1
Fairmont .....	1	North Wilkesboro .....	2
Falcon .....	1	Oxford .....	3
Farmer .....	1	Parkton .....	1
Forest City .....	2	Pilot Mountain .....	1
Four Oaks .....	1	Pinetops .....	1
Fremont .....	2	Polkton .....	1
Fuquay Springs .....	1	Princeton .....	2
Garysburg .....	1	Raeford .....	4
Gastonia .....	4	Raleigh .....	10
Glen Raven .....	1	Reidsville .....	1
Goldsboro .....	3	Richlands .....	1
Greenville .....	7	Robersonville .....	1
Halifax .....	2	Rockingham .....	7
Hamlet .....	2	Rockwell .....	1
Harrellsville .....	1	Rocky Mount .....	2
Hasty .....	1	Roseboro .....	1
Hatteras .....	2	Rose Hill .....	1
Henderson .....	1	Rosemary .....	5
Hertford .....	1	Rougemont .....	1
Hickory .....	4	Roxboro .....	1
High Point .....	2	Salemburg .....	1
Hildebrand .....	1	Salisbury .....	7

Scotland Neck .....	2	Thomasville .....	5
Selma .....	2	Troy .....	1
Shelby .....	2	Unionville .....	2
Siler City .....	1	Vanceboro .....	2
Siloam .....	1	Wake Forest .....	1
Smithfield .....	2	Washington .....	1
Southern Pines .....	1	Waxhaw .....	1
Southport .....	1	Waynesville .....	1
Spencer .....	2	Weaverville .....	2
Spindale .....	1	Weldon .....	1
Spray .....	2	Wendell .....	1
Spring Hope .....	1	Westfield .....	3
Stacy .....	1	Whiteville .....	1
Stantonsburg .....	1	Williamston .....	2
Statesville .....	3	Wilmington .....	6
Stedman .....	1	Wilson .....	4
St. Pauls .....	2	Windsor .....	1
Tarboro .....	1	Winston-Salem .....	10
Taylorsville .....	1	Woodleigh .....	1

#### OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION

July .....	170	January .....	113
August .....	147	February .....	98
September .....	158	March .....	109
October .....	110	April .....	149
November .....	116	May .....	112
December .....	112	June .....	161

#### CLASSIFICATION

Reexaminations .....	256
Positive diagnosis .....	406
Negative diagnosis .....	893
	<hr/>
	1,555



DINING ROOM, CHILDREN'S BUILDING





**SUMMARY FOR MEDICAL REPORT**

July 1, 1927, to June 30, 1928

## Patients admitted :

Minimal .....	69
Moderately advanced .....	111
Far advanced .....	123
Not classified .....	6
Not tuberculous .....	36
Tracheobronchial tuberculosis .....	3
Total.....	348

## Patients discharged :

Apparently arrested .....	50
Quiescent .....	76
Improved .....	110
Unimproved .....	63
Died .....	6
Not classified .....	3
Not tuberculous .....	41
Total.....	349

Hospital days ..... 62,692

**REPORT OF X-RAY LABORATORY**

Stereoroentgenograms of chest (Sanatorium patients) .....	465
Stereoroentgenograms of chest (clinic patients) .....	812
Double roentgenograms of chest (children's clinic) .....	3,300
Roentgenograms, other parts of body .....	232
Total.....	4,809

X-ray treatments ..... 95

## LABORATORY REPORT

## Sputanalyses :

Micros. ....	2,660	
Chem. ....	979	
Total.....		3,639

## Urinalyses :

Culture .....	1	
Micros. ....	734	
Chem. ....	728	
Total.....		1,463

## Blood :

W. B. C. ....	517	
R. B. C. ....	502	
Differential count .....	496	
Hemoglobin .....	508	
Color Index .....	494	
Malaria .....	14	
Wassermann .....	140	
Kahn tests .....	449	
Urea .....	22	
Culture .....	6	
Sugar .....	1	
Widal .....	2	
Agglutination .....	3	
Coagulation .....	1	
Total.....		3,155

Feces .....	502	
Gastric analysis .....	47	
Phthalein .....	41	
Bacteriological .....	34	
Basal metabolic rate .....	14	
Fractional Ewald .....	4	
Pleural fluid .....	35	
Total.....		677

## Water :

Bacterial count .....	257	
For Coli .....	257	
		514

## Milk :

Bacterial count .....	42	
For Coli .....	42	
		84

Total examinations and tests .....	9,532
------------------------------------	-------



# ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Raeford .....	1
Baptist Orphanage, Thomasville .....	2
Board of County Commissioners, Bladen .....	1
Board of County Commissioners, Cabarrus .....	1
Board of County Commissioners, Cleveland .....	2
Board of County Commissioners, Columbus .....	1
Board of County Commissioners, Cumberland .....	1
Board of County Commissioners, Forsyth .....	10
Board of County Commissioners, Gaston .....	18
Board of County Commissioners, Gates .....	1
Board of County Commissioners, Halifax .....	2
Board of County Commissioners, Harnett .....	1
Board of County Commissioners, Hertford .....	1
Board of County Commissioners, Hoke .....	3
Board of County Commissioners, Johnston .....	1
Board of County Commissioners, Mecklenburg .....	5
Board of County Commissioners, Nash .....	1
Board of County Commissioners, Pasquotank .....	2
Board of County Commissioners, Rockingham .....	1
Board of County Commissioners, Rowan .....	2
Board of County Commissioners, Stanly .....	1
Board of County Commissioners, Surry .....	1
Board of County Commissioners, Union .....	2
Charity Organization Society, Goldsboro .....	4
City of Winston-Salem .....	8
Erwin Cotton Mill Company, Durham .....	1
Masonic Lodge No. 781, Asheville .....	1
Methodist Orphanage, Raleigh .....	3
Oxford Orphanage, Oxford .....	2
Presbyterian Orphanage, Barium Springs .....	2
Public Welfare, Beaufort .....	3
Public Welfare, Boone .....	1
Public Welfare, Burlington .....	2
Public Welfare, Durham .....	7
Public Welfare, Elizabeth City .....	1
Public Welfare, Jackson .....	1
Public Welfare, Kinston .....	1
Public Welfare, Lillington .....	1
Public Welfare, Monroe .....	1
Public Welfare, Murphy .....	1
Public Welfare, Newton .....	1
Public Welfare, Reidsville .....	1
Public Welfare, Rockingham .....	7
Public Welfare, Salisbury .....	5
Queen City Lodge No. 602, Rocky Mount .....	1
Rosemary Manufacturing Company, Rosemary .....	2
Rotary Club, Hickory .....	1
Standard Oil Company, Charlotte .....	1
Tuberculosis Association, Cabarrus County .....	10
Tuberculosis Seal Sale Committee, coöperating with the Woman's Club, Raleigh .....	7
United Daughters of the Confederacy, Free Bed Fund .....	2

## PERSONS FROM WHOM DONATIONS WERE RECEIVED

### Books and magazines:

Mr. N. H. G. Balfour, Lumber Bridge, N. C.  
Mrs. W. A. Wilkins, Southern Pines, N. C.  
Young People's Association, Southern Pines, N. C.  
Junior Guild, Raleigh, N. C.  
Miss Emily Stribbling, Roanoke Rapids, N. C.  
Literary Department, Woman's Club, Raeford, N. C.  
Mrs. F. C. Brush, Chairman, Cheerful Letter Committee, All Souls Church,  
N. Y., Monclair, N. J.  
Mrs. Henry Weil, Goldsboro, N. C.  
Miss Penelope Bland, Asheville, N. C.  
The Associated Charities, Raleigh, N. C.

### Candies, cakes, nuts, fruits, flowers, etc.:

Woman's Club, Raeford, N. C.  
Mrs. Charles Livingston Cushman, Pinehurst, N. C.  
St. Anne's Guild, Church of the Good Shepherd, Raleigh, N. C.  
Baptist C. E. Society, Southern Pines, N. C.

### Library for Children's Building:

Mrs. John L. Given, Pinehurst, N. C.

### Miscellaneous gifts:

Mrs. S. P. Hopkins, Pinehurst, N. C.  
Miss Janette H. Baxter, Saratoga, California.  
Mrs. R. M. Housel, Concord, N. C.  
Miss Cheshire, Raleigh, N. C.  
Mr. E. B. Crow, Raleigh, N. C.  
Friends through Mrs. J. R. Page, Aberdeen, N. C.  
Girls Auxiliary, Baptist Church, Aberdeen, N. C.  
Mrs. H. A. Cameron, Raeford, N. C.  
Mrs. H. R. Cromartie, Raeford, N. C.  
Miss Bertie Rivers, Aberdeen, N. C.  
Miss Floy Martin, Aberdeen, N. C.  
Mrs. Charles Rankin, Fayetteville, N. C.  
Mrs. Murdock McLeod, Pinehurst, N. C.  
Mrs. H. L. McLaurin, Maxton, N. C.

### Player Piano and Music rolls:

Mr. Robert Morrison, Pinehurst, N. C.  
Mrs. John L. Given, Pinehurst, N. C.





HAPPY AND GROWING HEALTHY

**CHILDREN'S DIVISION****MEDICAL REPORT****1928****STATISTICAL**

Number of patients to be reported on .....	72
Number not classified .....	1
Number not tuberculous .....	18
Number of patients in Sanatorium July 1, 1928 .....	59

Total number of patients treated during the twelve months ..... 150

**SUMMARY MEDICAL REPORT**

## Patients admitted :

Parenchymal tuberculosis .....	14
Minimal .....	7
Moderately advanced .....	5
Far advanced .....	2
Tracheobronchial tuberculosis .....	71
Not tuberculous .....	16
Not classified .....	4
Total.....	105

## Patients discharged :

Arrested .....	0
Apparently arrested .....	59
Quiescent .....	4
Improved .....	7
Unimproved .....	1
Died .....	1
Not classified .....	1
Not tuberculous .....	18
Total.....	91

Hospital days ..... 18,662

**SEX AND AGE**

SEX	AGE	
	4-9	10-15
Male.....	40	
Female.....	32	45
Total.....	72	

## TUBERCULOUS COMPLICATIONS

Cervical adenitis .....	1
Pleurisy with effusion .....	1
Tuberculous pneumonia .....	1

## NON-TUBERCULOUS COMPLICATIONS

Bronchiectasis .....	1	Lues (congenital) .....	3
Diseased adenoids .....	1	Mitral regurgitation .....	1
Diseased tonsils .....	27	Otitis media .....	2
Dwarf tapeworm .....	1	Rhinitis .....	1
Enuresis .....	1	Scabies .....	2
Hookworm disease .....	5	Sinusitis .....	1
Impetigo .....	1	Strabismus .....	3





NURSES' HOME





**COLORED DIVISION**  
**MEDICAL REPORT**  
**1928**

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**STATISTICAL**

Number of patients to be reported on .....	104
Number not classified .....	1
Number not tuberculous .....	6
Number of patients in Sanatorium July 1, 1928 .....	44
<hr/>	
Total number of patients treated during the twelve months.....	155

## 14 PATIENTS WHO STAYED LESS THAN 30 DAYS

CONDITION ON ADMISSION		CONDITION ON DISCHARGE					
		Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal.....	A 0						
	B 0						
	C 0						
Moderately Advanced.....	A 0						
	B 2				2		
	C 0						
Far Advanced.....	A 0						
	B 3				1	1	1
	C 9				1	7	1
Total.....		14					

Total number of days, 273.      Average stay, 19.5.      Longest stay, 29.      Shortest stay, 9.

Number gained weight, 7.		Number lost weight, 5.	
Average gain .....	4.2 lbs.	Average loss .....	2 lbs.
Largest gain .....	9 lbs.	Largest loss .....	6 lbs.
Smallest gain .....	.75 lb.	Smallest loss .....	.5 lb.
Stationary .....	0	Not weighed .....	2

## 24 PATIENTS WHO STAYED 30 TO 89 DAYS

CONDITION ON ADMISSION		CONDITION ON DISCHARGE					
		Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal.....	A 3				3		
	B 0						
	C 0						
Moderately Advanced.....	A 0						
	B 2				2		
	C 0						
Far Advanced.....	A 0						
	B 9				4	4	1
	C 10				3	7	
Total.....		24					

Total number of days, 1,448.      Average stay, 60.33.      Longest stay, 89.      Shortest stay, 31.

Number gained weight, 16.		Number lost weight, 7.	
Average gain .....	10.42 lbs.	Average loss .....	6.6 lbs.
Largest gain .....	37.50 lbs.	Largest loss .....	12.5 lbs.
Smallest gain .....	.5 lb.	Smallest loss .....	2 lbs.
Stationary .....	1	Not weighed .....	0

### 66 PATIENTS WHO STAYED 90 DAYS OR OVER

CONDITION ON ADMISSION		CONDITION ON DISCHARGE					
		Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal.....	9	A 8		2	6		
		B 1			1		
		C 0					
Moderately Advanced.....	14	A 2			2		
		B 10			7	2	1
		C 2			1	1	
Far Advanced.....	43	A 0					
		B 28		1	13	11	3
		C 15			6	4	5
Total.....		66					

Total number of days, 15,456.	Average stay, 234.18.	Longest stay, 724.	Shortest stay, 90.
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Number gained weight, 42.		Number lost weight, 24.	
Average gain .....	14.75 lbs.	Average loss .....	11.5 lbs.
Largest gain .....	44 lbs.	Largest loss .....	27 lbs.
Smallest gain .....	1 lb.	Smallest loss .....	1 lb.
Stationary .....	0	Not weighed .....	0

## HISTORY OF HEMORRHAGE

Negative .....	64
Positive.....	29
{ Previous only .....	12
{ Previous and during residence .....	6
{ During residence only .....	

## RESULTS OF SPUTUM EXAMINATIONS

Negative or no sputum .....	35
Positive.....{ On admission .....	69
{ During residence .....	29
{ On discharge .....	20

### SEX, AGE, AND CIVIL CONDITION

[illegible]

## TUBERCULOSIS COMPLICATIONS

Adenitis (cervical) .....	2
Adenitis (general) .....	4
Anal fistula .....	3
Enteritis .....	16
Laryngitis .....	16
Otitis media .....	1
Peritonitis .....	3
Pleurisy with effusion .....	7

## NON-TUBERCULOUS COMPLICATIONS

Alveolar abscess .....	2	Lues .....	18
Adenitis (inguinal) .....	1	Menorrhagia .....	1
Ankylosis of knee .....	1	Mitral regurgitation .....	4
Aortitis .....	2	Mitral stenosis .....	1
Arteriosclerosis .....	3	Myocarditis .....	2
Bronchiectasis .....	1	Nephritis .....	1
Bronchitis (chronic) .....	1	Paralysis (partial) .....	1
Carious teeth .....	21	Pellagra .....	1
Cervicitis .....	2	Pericarditis .....	1
Diabetes mellitus .....	2	Phimosis .....	1
Diseased adenoids .....	2	Pregnancy .....	4
Dysmenorrhea .....	2	Pyorrhea .....	19
Gall bladder disease .....	1	Retroversion of uterus .....	2
Hemorrhoids .....	3	Sinusitis .....	1
Hernia .....	1	Strabismus .....	1
Hookworm disease .....	2	Tonsilitis (chronic) .....	29
Hypertension .....	2	Uterine fibroid .....	1
Hypertrophied tonsils .....	2	Varicocele .....	1
Keratitis .....	2	Varicose veins .....	1

## OCCUPATIONS

Butler .....	1	Office boy .....	1
Chauffeur .....	2	Painters .....	1
Concrete mixer .....	1	Physicians .....	2
Cooks .....	7	Professors .....	1
Dentists .....	1	Section hand .....	1
Farmers .....	10	Shoe shiner .....	1
Housework .....	33	Students .....	20
Insurance agent .....	1	Teachers .....	3
Janitor .....	3	Tobacco factory .....	3
Laborer .....	5	Truck driver .....	1
Mill workers .....	4	Waiter .....	1
Ministers .....	1		

## COUNTIES FROM WHICH THE 104 PATIENTS CAME

Alamance .....	1	Cabarrus .....	1
Anson .....	1	Catawba .....	1
Beaufort .....	1	Chowan .....	1
Bertie .....	1	Cleveland .....	1
Bladen .....	2	Craven .....	2
Buncombe .....	1	Cumberland .....	7



ONE OF THE SLEEPING PORCHES, COLORED DIVISION





Davidson .....	2	Moore .....	3
Davie .....	1	New Hanover .....	2
Durham .....	6	Northampton .....	2
Edgecombe .....	1	Perquimans .....	3
Forsyth .....	1	Pitt .....	3
Franklin .....	1	Randolph .....	1
Gaston .....	2	Richmond .....	6
Granville .....	1	Robeson .....	4
Greene .....	1	Rowan .....	4
Guilford .....	8	Sampson .....	1
Halifax .....	1	Scotland .....	3
Harnett .....	1	Surry .....	1
Henderson .....	2	Union .....	1
Hoke .....	4	Wake .....	6
Iredell .....	1	Wayne .....	2
Lee .....	3	Wilson .....	2
Lenoir .....	1	Yadkin .....	1
Martin .....	1		

## TOWNS FROM WHICH THE 104 PATIENTS CAME

Advance .....	1	Lumberton .....	2
Asheboro .....	1	Milwaukee .....	1
Asheville .....	1	Monroe .....	1
Broadway .....	1	Mt. Airy .....	1
Clarkton .....	1	New Bern .....	2
Clinton .....	1	Osborne .....	1
Concord .....	2	Oxford .....	1
Cramerton .....	1	Raeford .....	3
Durham .....	6	Raleigh .....	3
Edenton .....	1	Red Springs .....	1
Erwin .....	2	Robersonville .....	1
Fairmont .....	1	Rockingham .....	2
Fayetteville .....	4	Rocky Mount .....	1
Garysburg .....	1	Salisbury .....	4
Gastonia .....	1	Sanatorium .....	1
Ghio .....	1	Sanford .....	2
Goldsboro .....	2	Snow Hill .....	1
Graham .....	1	Southern Pines .....	2
Greensboro .....	8	Statesville .....	1
Greenville .....	3	Thomasville .....	1
Hamlet .....	2	Vass .....	1
Hendersonville .....	2	Wadesboro .....	1
Hertford .....	3	Wagram .....	1
Hickory .....	1	Wake Forest .....	1
Jonesville .....	1	Washington .....	1
Kings Mountain .....	1	Wendell .....	1
Kinston .....	1	Wilmington .....	2
Kittrell .....	1	Wilson .....	2
Laurinburg .....	2	Windsor .....	1
Lexington .....	1	Winston-Salem .....	1
Linden .....	3	Zebulon .....	1
Littleton .....	1		

### OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION

July .....	17	January .....	6
August .....	8	February .....	6
September .....	7	March .....	8
October .....	4	April .....	12
November .....	6	May .....	5
December .....	5	June .....	10

### CLASSIFICATION

Reëxaminations .....	7
Positive diagnosis .....	45
Negative diagnosis .....	42
	<hr/>
	94

### SUMMARY MEDICAL REPORT

#### Patients admitted :

Minimal .....	11
Moderately advanced .....	26
Far advanced .....	60
Tracheobronchial tuberculosis .....	6
Not tuberculous .....	6
Not classified .....	1
	<hr/>
Total.....	110

#### Patients discharged :

Arrested .....	0
Apparently arrested .....	0
Quiescent .....	3
Improved .....	52
Unimproved .....	37
Died .....	12
Not tuberculous .....	6
Not classified .....	1
	<hr/>
Total.....	111

Hospital days .....	17,816
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### REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients) .....	130
Stereoroentgenograms of chest (outside patients) .....	43
Roentgenograms, other parts of body .....	2
	<hr/>
Total.....	175

X-ray treatments .....	27
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## LABORATORY REPORT

## Sputanalyses :

Micros. ....	557
Chem. ....	178

Total.....	735
------------	-----

## Urinalyses :

Micros. ....	220
Chem. ....	220

Total.....	440
------------	-----

## Blood :

W. B. C. ....	101
R. B. C. ....	97
Hemoglobin ....	97
Color Index ....	97
Differential count ....	100
Kahn test ....	119
Wassermann ....	72
Widal ....	1
Urea nitrogen ....	2
Sugar ....	2

Total.....	688
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Feces .....	114
Phthalein .....	9
Pleural fluid .....	20
Bacteriological .....	8

Total.....	151
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Total examinations and tests .....	2,014
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### ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Fayetteville .....	2
Board of County Commissioners, Bladen .....	1
Board of County Commissioners, Forsyth .....	1
Board of County Commissioners, Gaston .....	6
Board of County Commissioners, Harnett .....	1
Board of County Commissioners, Hoke .....	1
Board of County Commissioners, Union .....	1
Charity Organization Society, Goldsboro .....	4
City of Winston-Salem .....	2
Public Welfare, Durham .....	5
Public Welfare, Lillington .....	1
Public Welfare, Raleigh .....	1
Public Welfare, Rockingham .....	2
Public Welfare, Wadesboro .....	1

### PERSONS FROM WHOM DONATIONS WERE RECEIVED

#### Books and magazines:

Lend A Hand Book Missions, Boston, Mass.  
Friends of Pine Bluff, N. C.

#### Donations for Christmas, flowers, etc.:

Mrs. E. H. Boyd, Southern Pines, N. C.  
Dr. J. E. Sheppard, Durham, N. C.  
Mr. E. B. Chapin, Pinehurst, N. C.  
White Rock Baptist Church, Durham, N. C.  
Miss Mocile Cardwell, Elizabeth City, N. C.  
Miss Gladys Cardwell, Elizabeth City, N. C.  
Dr. J. W. Cardwell, Elizabeth City, N. C.

**PRISON DIVISION****MEDICAL REPORT****1928****STATISTICAL**

Number of patients to be reported on .....	26
Number not classified .....	0
Number not tuberculous .....	6
Number of patients in Sanatorium July 1, 1928 .....	13
<hr/>	
Total number of patients treated during the twelve months.....	45

**SUMMARY MEDICAL REPORT**

## Patients admitted:

Minimal .....	4
Moderately advanced .....	11
Far advanced .....	11
Not tuberculous .....	4
Acute tuberculosis .....	1
Not classified .....	1
<hr/>	
Total.....	31

## Patients discharged:

Arrested .....	0
Apparently arrested .....	0
Quiescent .....	8
Improved .....	10
Unimproved .....	1
Died .....	7
Not tuberculous .....	6
Not classified .....	0
<hr/>	
Total.....	32

Hospital days .....	5,218
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**REPORT OF X-RAY LABORATORY**

Stereoroentgenograms of chest (Sanatorium patients) .....	41
Stereoroentgenograms of chest (clinic patients) .....	13
Roentgenograms, other parts of body .....	0
<hr/>	
Total.....	54
Treatments .....	0

## LABORATORY REPORT

## Sputanalyses :

Micros. ....	175	
Chem. ....	79	
		<hr/>
Total.....		254

## Urinalyses :

Micros. ....	40	
Chem. ....	37	
		<hr/>
Total.....		77

## Blood :

W. B. C. ....	37	
R. B. C. ....	37	
Hemoglobin ....	37	
Color Index ....	37	
Differential count .....	36	
Kahn test .....	34	
Wassermann .....	8	
Urea .....	1	
Culture .....	1	
		<hr/>
Total.....		228

Feces .....	30	
Pleural fluid .....	3	
		<hr/>

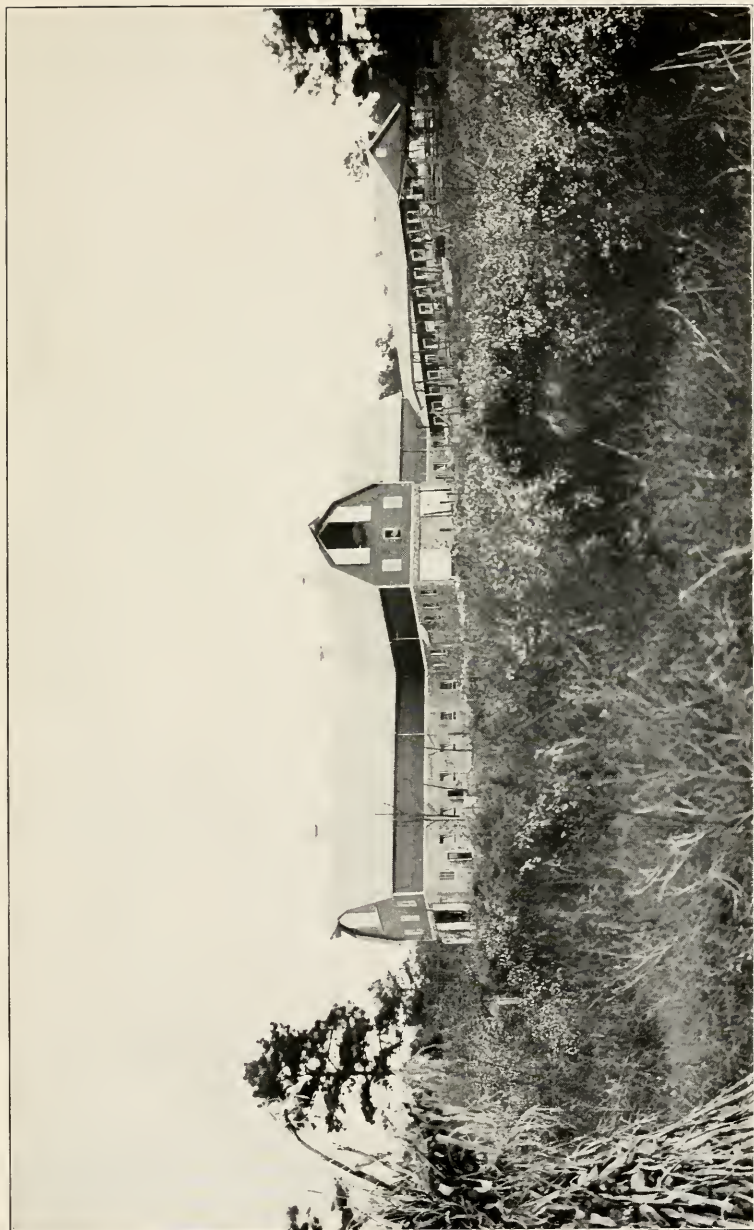
Total examinations and tests .....	592	
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OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS  
AND CONSULTATION

July .....	2	January .....	3
August .....	4	February .....	5
September .....	5	March .....	1
October .....	0	April .....	2
November .....	3	May .....	1
December .....	1	June .....	4

## CLASSIFICATION

Positive diagnosis .....	20	
Negative diagnosis .....	9	
Reëxamination .....	2	
		<hr/>
		31



NEW DAIRY BARN





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REPORT ON AUDIT  
*of*  
The North Carolina Sanatorium  
*for the Treatment of Tuberculosis*  
SANATORIUM, NORTH CAROLINA  
  
*July 1, 1927, to June 30, 1928*

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## EXHIBIT "A"

## INCOME AND EXPENSES—PERMANENT IMPROVEMENT FUND

For the Fiscal Year Ended June 30, 1928

## INCOME:

## Appropriation:

Unexpended balance, June 30, 1927 .....	\$ 7,486.76	
Chapter 147, Public Laws, 1927 .....	190,000.00	
Emergency Loan Fund, Chapter 49, 1927 .....	8,585.28	
		\$ 206,072.04

## EXPENSES:

Enclosing sleeping porches .....	\$ 12,199.19	
Sleeping porch—Superintendent's residence .....	1,710.56	
Woman's Ambulatory Building .....	106,759.01	
Granary .....	989.34	
Milking barn—Fire loss—New barn .....	4,270.06	
Repairs to silos—Fire loss .....	1,199.33	
Ice plant and cold storage .....	209.55	
Dairy barn—Fire loss .....	1,018.01	
Milking barn equipment—Fire loss .....	766.16	
School equipment .....	102.00	
Children's building equipment .....	29.08	
Prison building .....	2,926.80	
Poultry plant .....	37.35	
		132,216.44

Unexpended Balance of Appropriation, June 30, 1928 .....	\$ 73,855.60
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## EXHIBIT "B"

## INCOME AND EXPENSES—EXTENSION FUND

For the Fiscal Year Ended June 30, 1928

## INCOME:

## Appropriation:

Chapter 79, Public Laws, 1927 .....	\$ 20,000.00	
Institutional Receipts:		
Office and administration .....	645.29	
Medical and surgical care .....	723.60	
Total Income .....		\$ 21,368.89

## EXPENSES:

Office and administration .....	\$ 12,567.98	
Medical and surgical care .....	6,304.21	
Total Expenses .....		18,872.19
Unexpended Balance of Appropriation, June 30, 1928 .....	\$ 2,496.70	

## EXHIBIT "C"

## INCOME AND EXPENSES—MAINTENANCE FUND

For the Fiscal Year Ended June 30, 1928

## INCOME:

Appropriation:		
Chapter 79, Public Laws, 1927 .....	\$	135,000.00
Institutional Receipts:		
Office and administration .....	\$	2,022.57
Subsistence .....		106,241.75
Housekeeping .....		3,226.61
Laundrying .....		2,936.40
Medical and surgical care .....		7,037.39
Agricultural .....		991.53
Deposit June, 1927, Credited by State Auditor, July, 1928 .....		70.38
		<u>122,526.63</u>
Total Income .....	\$	257,526.63

## EXPENSES:

Office and administration .....	\$	16,622.72
Subsistence .....		73,430.20
Housekeeping .....		21,248.04
Laundrying .....		4,832.77
Medical and surgical care .....		20,227.73
Nursing and attendance .....		11,110.65
Light, heat, power and water .....		30,453.21
Care of buildings, grounds and equipment .....		14,947.41
Instructional .....		1,675.04
Recreational .....		213.42
Agricultural .....		38,193.79
		<u>232,954.98</u>
Total Expenses .....		232,954.98
Unexpended Balance of Appropriation, June 30, 1928 .....	\$	<u>24,571.65</u>

## SCHEDULE C-1

**INSTITUTIONAL RECEIPTS—MAINTENANCE FUND****For the Fiscal Year Ended June 30, 1928****OFFICE AND ADMINISTRATION:**

Telegraph and telephone.....	\$	255.16	
Sale of gasoline.....		1,071.55	
Refunds of expense.....		605.86	
Postoffice rent.....		90.00	
			\$ 2,022.57

**SUBSISTENCE:**

Groceries sold.....	\$	3,387.65	
Patients' fees.....		102,854.10	
			106,241.75

**HOUSEKEEPING:**

Supplies sold.....			3,226.61
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**LAUNDERING:**

Patients' fees.....			2,936.40
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**MEDICAL AND SURGICAL CARE:**

X-ray examinations.....	\$	6,069.09	
Drugs and medicines.....		968.30	
			7,037.39

**AGRICULTURAL:**

Sale of produce.....	\$	\$52.21	
Poultry and eggs sold.....		139.32	
			991.53

Deposit of last year (June, 1927) credited by State Auditor, July, 1928.....			70.38
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Total Institutional Receipts.....	\$	122,526.63
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## SCHEDULE C-2

**DISBURSEMENTS—MAINTENANCE FUND****For the Fiscal Year Ended June 30, 1928****OFFICE AND ADMINISTRATION:**

1101	Executive salaries.....	\$	1,999.92	
1103	Clerical salaries.....		3,193.50	
1109	Per diems and fees.....		889.10	
1201	Office supplies.....		409.91	
1301	Postage.....		451.73	
1302	Telephone and telegraph.....		724.57	
1401	Hotels and meals.....		42.05	
1402	Railroad and other fares.....		26.36	
1501	Printing: Stationery, office forms, etc.....		520.04	
1502	Printing: Reports, bulletins, catalogues, etc.....		183.23	
1505	Photographing, blueprinting.....		13.13	
1508	Publication of notices and advertisements.....		27.33	
1601	Motor vehicles: Upkeep.....		3,137.81	
1905	Miscellaneous expenses.....		25.00	
2202	Casualty insurance.....		916.25	
2403	Refunds.....		1,924.78	
3101	Office equipment and furnishings.....		123.01	
3107	Motor vehicles: Purchase.....		2,015.00	
				\$ 16,622.72

## DISBURSEMENTS—MAINTENANCE FUND—Continued

## SUBSISTENCE:

1105	Supervisors' salaries .....	\$	1,800.00	
1106	Skilled labor .....		2,312.00	
1107	Unskilled labor .....		8,738.17	
3103	Dining room and kitchen equipment .....		1,219.44	
1203-A	Meat, fish and fowl .....		28,171.61	
1203-B	Dairy products and eggs .....		5,589.48	
1203-C	Cereal food products .....		5,701.00	
1203-D	Vegetables .....		5,455.66	
1203-E	Fruits and nuts .....		5,604.88	
1203-F	Saccharine products .....		2,722.41	
1203-G	Beverages .....		1,332.96	
1203-H	Condiments, flavors and pickles .....		1,234.28	
1203-I	Fats, oils, miscellaneous provisions .....		3,548.31	
				\$ 73,430.20

## HOUSEKEEPING:

1105	Supervisors' salaries .....	\$	1,010.13	
1107	Unskilled labor .....		7,811.40	
1202	Cleaning and household supplies .....		7,324.58	
1204	Sewing supplies, dry goods .....		128.02	
1217	Ice and other refrigeration supplies .....		270.71	
1222	Wearing apparel: Purchased .....		529.58	
1223	Miscellaneous fuel .....		44.66	
3102	Institutional furniture and furnishings .....		279.74	
3104	Bedding and linens .....		3,849.22	
				21,248.04

## LAUNDERING:

1105	Supervisors' salaries .....	\$	1,437.50	
1107	Unskilled labor .....		2,090.52	
1205	Laundry supplies .....		1,276.48	
3105	Laundry equipment .....		28.27	
				4,832.77

## MEDICAL AND SURGICAL CARE:

1102	Professional and technical salaries .....	\$	11,491.70	
1206	Medical and surgical supplies .....		4,370.15	
1207	Drugs and medicines .....		1,666.24	
1208	Laboratory supplies and materials .....		2,389.95	
3106	Medical and surgical equipment .....		272.34	
3108	Laboratory equipment .....		37.35	
				20,227.73

## NURSING AND ATTENDANCE:

1102	Professional and technical salaries .....	\$	4,950.85	
1107	Unskilled labor .....		6,159.80	
				11,110.65

## LIGHT, HEAT, POWER AND WATER:

1106	Skilled labor .....	\$	2,725.00	
1107	Unskilled labor .....		3,492.07	
1218	Power and heating plant supplies .....		836.54	
1224	Coal (including freight) .....		13,663.92	
1701	Light, power and water .....		8,852.10	
3118	Power and heating plant equipment .....		255.04	
1229	Water supplies .....		628.51	
				30,453.21

## CARE OF BUILDINGS, GROUNDS AND EQUIPMENT:

1105	Supervisors' salaries .....	\$	2,880.00	
1107	Unskilled labor .....		1,694.50	
1213	Botanical and ground supplies .....		22.50	
1219	Plumbing supplies and materials .....		642.90	
1220	Electrical supplies and materials .....		550.24	
1221	General supplies and equipment .....		875.69	

## DISBURSEMENTS—MAINTENANCE FUND—Continued

## CARE OF BUILDINGS, GROUNDS, AND EQUIPMENT—Continued:

1801	Repairs to equipment and fixtures.....	\$	531.53	
1802	Repairs to buildings and structures.....		4,048.95	
3121	General equipment.....		73.50	
1227	Buildings supplies and materials.....		3,627.60	
				\$ 14,947.41

## INSTRUCTIONAL:

1102	Professional and technical salaries.....	\$	950.00	
1103	Clerical salaries.....		8.25	
1209	Classroom and teachers' supplies.....		154.25	
1210	Library supplies.....		162.55	
3109	Classroom and teachers' equipment.....		244.61	
3110	Library equipment and stock.....		155.38	
				1,675.04

## RECREATIONAL:

1107	Unskilled labor.....	\$	5.00	
1212	Recreational supplies.....		208.42	
				213.42

## AGRICULTURAL:

1105	Supervisors' salaries.....	\$	2,700.00	
1106	Skilled labor.....		720.00	
1107	Unskilled labor.....		7,363.24	
1214	Farm supplies.....		6,107.97	
1215	Forage and supplies for animals.....		81.00	
1601	Motor vehicles: Upkeep.....		1,403.19	
1801	Repairs to equipment and fixtures.....		226.74	
1802	Repairs to buildings and structures.....		368.87	
3114	Farm equipment.....		1,389.13	
3115-D	Livestock dairy.....		721.34	
3114-D	Dairy equipment.....		521.79	
1215-D	Forage for dairy.....		7,475.33	
1227-P	Building supplies, poultry yard.....		47.37	
1802-P	Repairs to poultry buildings.....		33.00	
1227	Building supplies.....		378.97	
1214-K	Farm and dairy supplies—kerosene.....		236.32	
1214-E	Farm and dairy supplies—Eggs.....		70.96	
1215-H	Forage and supplies for horses.....		51.11	
1107-P	Unskilled labor—Poultry.....		540.00	
3115	Livestock.....		200.00	
3114-P	Poultry equipment.....		112.49	
1215-P	Poultry supplies.....		1,954.55	
1106-P	Skilled labor—Poultry.....		1,200.00	
1214-P	Farm supplies—Poultry.....		153.18	
1214-H	Farm supplies—Horses.....		17.79	
1105-D	Supervisors' salaries (dairy).....		1,200.00	
1106-D	Skilled labor—Dairy.....		1,680.00	
1214-D	Farm supplies—Dairy.....		1,239.45	
				38,193.79

TOTAL DISBURSEMENTS..... \$ 232,954.98



## SCHEDULE C-3

## MAINTENANCE FUND—PER CAPITA COSTS AND FARM OPERATIONS

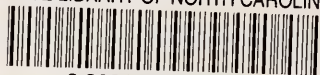
For the Fiscal Year Ended June 30, 1928

	Expendi- tures	PER CAPITA COSTS	
		Fiscal Year	Day
Office and administration.....	\$ 16,622.72	\$ 58.12	\$ .1592
Subsistence.....	73,430.20	256.75	.7034
Housekeeping.....	21,248.04	74.29	.2035
Laundrying.....	4,832.77	16.90	.0463
Medical and surgical care.....	20,227.73	70.73	.1938
Nursing and attendance.....	11,110.65	38.85	.1064
Light, heat, power and water.....	30,453.21	106.48	.2917
Care of buildings, grounds and equipment.....	14,947.41	52.26	.1432
Instructional.....	1,675.04	5.86	.0161
Recreational.....	213.42	.75	.0021
Agricultural.....	38,193.79	133.54	.3659
Totals.....	\$ 232,954.98	\$ 814.53	\$ 2.2316
Food Items:			
Meat, fish and fowl.....	\$ 28,171.61	\$ 98.50	\$ .2699
Dairy products and eggs.....	5,589.48	19.54	.0535
Cereal food products.....	5,701.00	19.93	.0546
Vegetables.....	5,455.66	19.08	.0523
Fruits and nuts.....	5,604.88	19.60	.0537
Saccharine products.....	2,722.41	9.52	.0261
Beverages.....	1,332.96	4.66	.0128
Condiments, flavors and pickles.....	1,234.28	4.32	.0118
Fats, oils and miscellaneous provisions.....	3,548.31	12.41	.0340
Totals.....	\$ 59,360.59	\$ 207.56	\$ .5687
Farm produce consumed and food.....	30,270.83	105.84	.2900
Total Food Items.....	\$ 89,631.42	\$ 313.40	\$ .8587
Average enrollment or population.....	286		
Farm Operations:			
Value of Produce:			
Used as food.....	\$ 30,270.83		
Used in production.....	7,000.00		
Sold.....	10,213.80		
Total Value of Production.....	\$ 47,484.63		
Cost of operation.....	45,193.79		
Nominal Profit or Loss.....	\$ 2,290.84		





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